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### REMARKS

The present response is intended to be fully responsive to all points of objection and/or rejection raised by the Examiner and is believed to place the application in condition for allowance. Favorable reconsideration and allowance of the application are respectfully requested.

Applicants assert that the present invention is new, non-obvious and useful. Prompt consideration and allowance of the claims are respectfully requested.

### Status of Claims

Claims 1-24 are pending in the application. Claims 1-3, 9-13, and 15-24 have been amended.

Claims 4-8 and 14 have been canceled without prejudice or disclaimer. In making this cancellation without prejudice, Applicants reserve all rights in these claims to file divisional and/or continuation patent applications.

### CLAIM REJECTIONS

#### 35 U.S.C. § 102 Rejections

In the Office Action, the Examiner rejected claims 1, 2, 5, 6, 11, 12, 17, 18, 22 and 23 under 35 U.S.C. § 102(b), as being anticipated by Aoyama (US Publ. 2002/0158800). Applicants believe this rejection has been overcome by the amendments indicated above in view of the remarks that follow.

Applicants respectfully assert that Aoyama does not teach or suggest at least some of the features of independent claims 1, 11, 17 and 22 as amended.

Specifically, Aoyama does not teach at least the claimed feature of "...providing an antenna weighted value to modulated radio frequency (RF) signals"

Furthermore, notwithstanding the contention in the Office Action that Aoyama discloses providing an antenna weighted value to a received signal, Applicants respectfully assert that Aoyama disclosed providing an antenna weighted value to a demodulated received

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signal (see FIG.1 and Page 2 paragraphs [0025] and [0026]). Aoyama certainly does not teach and/or disclose the claimed feature of "... providing an antenna weighted value to modulated radio frequency (RF) signals", as recited in amended independent base claims 1, 11, 17 and 22.

Accordingly, Applicants respectfully assert that claims 1, 11, 17 and 22 are not anticipated by the Aoyama reference, and respectfully request that the Examiner withdraw the rejections of these claims. Furthermore, Applicants respectfully assert that amended independent claims 1, 11, 17 and 22 are patentable, and thus allowable, over all the prior art on record, taken separately or in any combination, and specifically over the combination of Aoyama with Koga et al which was cited in rejecting some of the dependent claims as discussed below.

Claims 5-6 have been canceled without prejudice or disclaimer.

Claims 2, 12, 18 and 23 depend from patentable base claims 1, 11, 17 and 22, respectively. In this regard, in addition to any independent basis for patentability, Applicants respectfully submit that claims 2, 12, 18 and 23 are patentable over the cited reference(s) by virtue of at least such dependency on patentable base claims 1, 11, 17 and 22. Accordingly, Applicants respectfully request that the rejection of claims 1, 2, 11, 12, 17, 18, 22 and 23 be withdrawn.

### **35 U.S.C. § 103 Rejections**

In the Office Action, the Examiner rejected claims 3, 4, 7-10, 13-16, 19-21 and 24 under 35 U.S.C. § 103(a), as being unpatentable over Aoyama (US Publ. 2002/0158800) in view of Koga et al. (US 6,577,686).

Claims 3, 4, 7, 8, and 14 have been canceled without prejudice or disclaimer. Claims 9 and 10 have been amended and now depend from patentable amended independent claim 1.

With regards to dependent claims 9, 10, 13-16, 19-21 and 24, Applicants note that claims 9 and 10 depend from amended independent claim 1, claims 13 - 16 depend from amended independent claim 11, claims 19-21 depend from amended independent claim 17 and claim 24 depend from amended independent claim 22. Applicants respectfully submit

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that claims 9, 10, 13-16, 19-21 and 24 are patentable over the cited reference(s) by virtue of at least such dependency on patentable base claims 1, 11, 17 and 22. Accordingly, Applicants respectfully request that the §103 rejection of claims 9, 10, 13-16, 19-21 and 24 be withdrawn.

In view of the foregoing amendments and remarks, the pending claims are deemed to be allowable. Their favorable reconsideration and allowance is respectfully requested.

Should the Examiner have any question or comment as to the form, content or entry of this Amendment, the Examiner is requested to contact the undersigned at the telephone number below. Similarly, if there are any further issues yet to be resolved to advance the prosecution of this application to issue, the Examiner is requested to telephone the undersigned counsel.

Please charge any fees associated with this paper to deposit account No. 50-3355.

Respectfully submitted,

  
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